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December 12, 1978

Mr. Frank D. Lomax
Nuclear Material Safety & Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

RE: ACT/019/003

Dear Mr. Lomax,

Enclosed are three copies of Utah's Regulations concerning mining reclamation as per your telephone request. You will probably be interested in Rule M-10, found on page 74.

I agree with the concept of maximum reclamation slope angles of the dike determining the maximum tailings disposal depth at the Atlas Uranium Mill. The fill material and proposed rip-rap should be studied to determine the maximum slope that can be attained while preserving long term stability, while also considering factors such as the adjacency of the Moab Wash and the highway. I feel this site specific limit is better than setting an arbitrary slope angle.

The Division of Oil, Gas, and Mining, appreciates the opportunity to work with your office in this matter.

Sincerely,

K. MICHAEL THOMPSON
ENGINEERING GEOLOGIST

KMT/te

Enclosures: 3 copies of Lawbook